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Yuan

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(54) LUMBAR HEATING AND MASSAGE BELT

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(72) Inventor: Mingliang Yuan, Chengzhou (CN)

(\*\*) Term: 15 Years

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D14/432–434, 341  
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H05B 2203/003–006; H05B 2203/014  
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

4,552,135 A \* 11/1985 Racz ..... A61F 5/028  
128/DIG. 20  
D492,787 S \* 7/2004 Weaver, II ..... D24/190  
D651,717 S \* 1/2012 Govreen-Segal ..... D24/190

D706,429 S \* 6/2014 Julian ..... D24/190  
D708,345 S \* 7/2014 Brady ..... D24/200  
D834,719 S \* 11/2018 Theriot ..... D24/200  
(Continued)

FOREIGN PATENT DOCUMENTS

CN 301927017 \* 5/2012  
CN 302135959 \* 10/2012  
(Continued)

OTHER PUBLICATIONS

Latumab, Latumab Heating Pads for Cramps, Published on: Mar.  
14, 2023, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Latumab-Heating-Portable-Cordless-Menstrual/dp/B0C7RN7SGJ?th=1> (Year: 2023).\*  
(Continued)

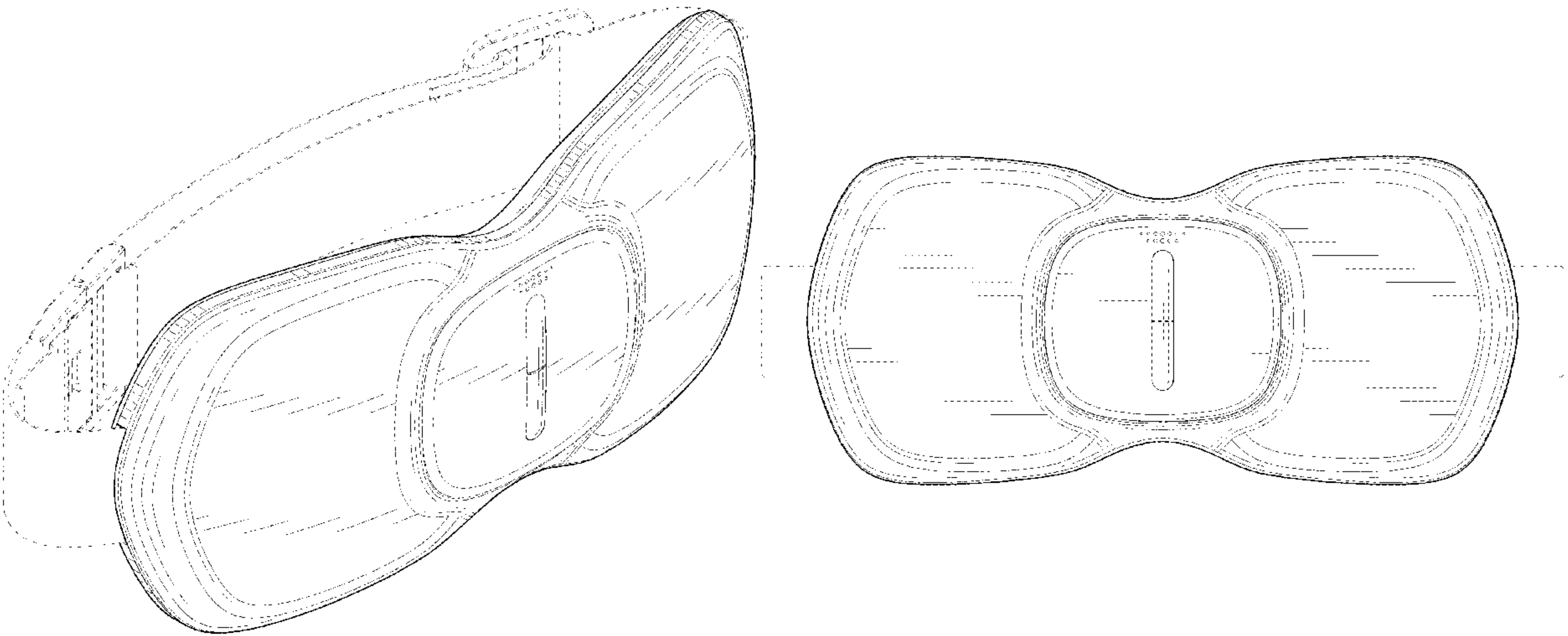
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Property (USA) Office

(57) CLAIM  
The ornamental design for a lumbar heating and massage  
belt, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left side perspective view of a lumbar  
heating and massage belt, showing the claimed design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a bottom, rear, left side perspective view thereof.  
The dashed broken lines in the drawing depict portions of  
the lumbar heating and massage belt that form no part of the  
claimed design.

1 Claim, 7 Drawing Sheets





(56)

References Cited

U.S. PATENT DOCUMENTS

10,500,087 B2 \* 12/2019 Thomas ..... H01L 23/3675  
D893,174 S \* 8/2020 Wang ..... D3/226  
D981,575 S \* 3/2023 Yan ..... D24/200  
D983,984 S \* 4/2023 Sun ..... D24/206  
D1,001,302 S \* 10/2023 Lin ..... D24/215  
2020/0375791 A1 \* 12/2020 Plazarte ..... A61F 7/02

FOREIGN PATENT DOCUMENTS

CN 308137790 \* 7/2023  
GB 6270280 \* 3/2023  
GB 6302521 \* 8/2023  
GB 6315152 \* 10/2023  
GB 6335973 \* 1/2024  
KR 301101283.0000 \* 3/2021

OTHER PUBLICATIONS

Slimpal, Slimpal Period Heating Pad for Cramps, Published on: Dec. 15, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Slimpal-Portable-Menstrual-Electric-Rechargeable/dp/B0BQ6ZF5C3?th=1> (Year: 2022).\*  
Simpal, Slimpal Period Heating Pad for Cramps, Downloaded on: Jan. 26, 2024, health-vast.com, Retrieved from Internet: (Year: 2024).\*

<https://www.health-vast.com/products/slimpal-period-heating-pad-for-cramps-portable-heat-pad-for-menstrual-cramp-relief-electric-wearable-rechargeable-cordless-heating-belt-3-timer-auto-off-setting-gifts-for-women-girlaqua?variant=44534803726559> (Year: 2024).\*  
Hello Aegis, Portable Heating Pad for Cramps, Published on: Dec. 8, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Portable-Menstrual-Massager-Cordless-Menstruation/dp/B0BR76TLX5> (Year: 2022).\*  
Jingleglows, Say goodbye to period pains with our revolutionary Abdominal Massage Belt!, Published on: Nov. 24, 2023, YouTube.com (shorts), Retrieved from Internet: [https://www.youtube.com/shorts/f\\_4LaDIni-E](https://www.youtube.com/shorts/f_4LaDIni-E) (Year: 2023).\*  
Ria Rajendran, No More Period Pain & Discomfort | Evereve Menstrual Heating Belt | Ria Rajendran, Published on: Sep. 16, 2023, YouTube.com, Retrieved from Internet: <https://www.youtube.com/watch?app=desktop&v=L7B6BKTEzzM> (Year: 2023).\*  
Yeamon, Electric Heating Pad, Published on: Aug. 16, 2022, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Electric-Heating-Upgraded-Portable-Cordless/dp/B0B96Q2TJT?th=1> (Year: 2022).\*  
Yeamon, Portable Cordless Heating Pad for Cramps, Published on: Jul. 28, 2020, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Menstrual-Heating-Electric-Vibration-Massage/dp/B08DQXB4H5> (Year: 2020).\*  
Funlover, Funlover Heating Pad for Period Cramps, Published on: Feb. 23, 2023, Amazon.com, Retrieved from Internet: <https://www.amazon.com/Funlover-Portable-Eligible-Menstrual-Vibration/dp/B0BWNCY22G?th=1> (Year: 2023).\*

\* cited by examiner



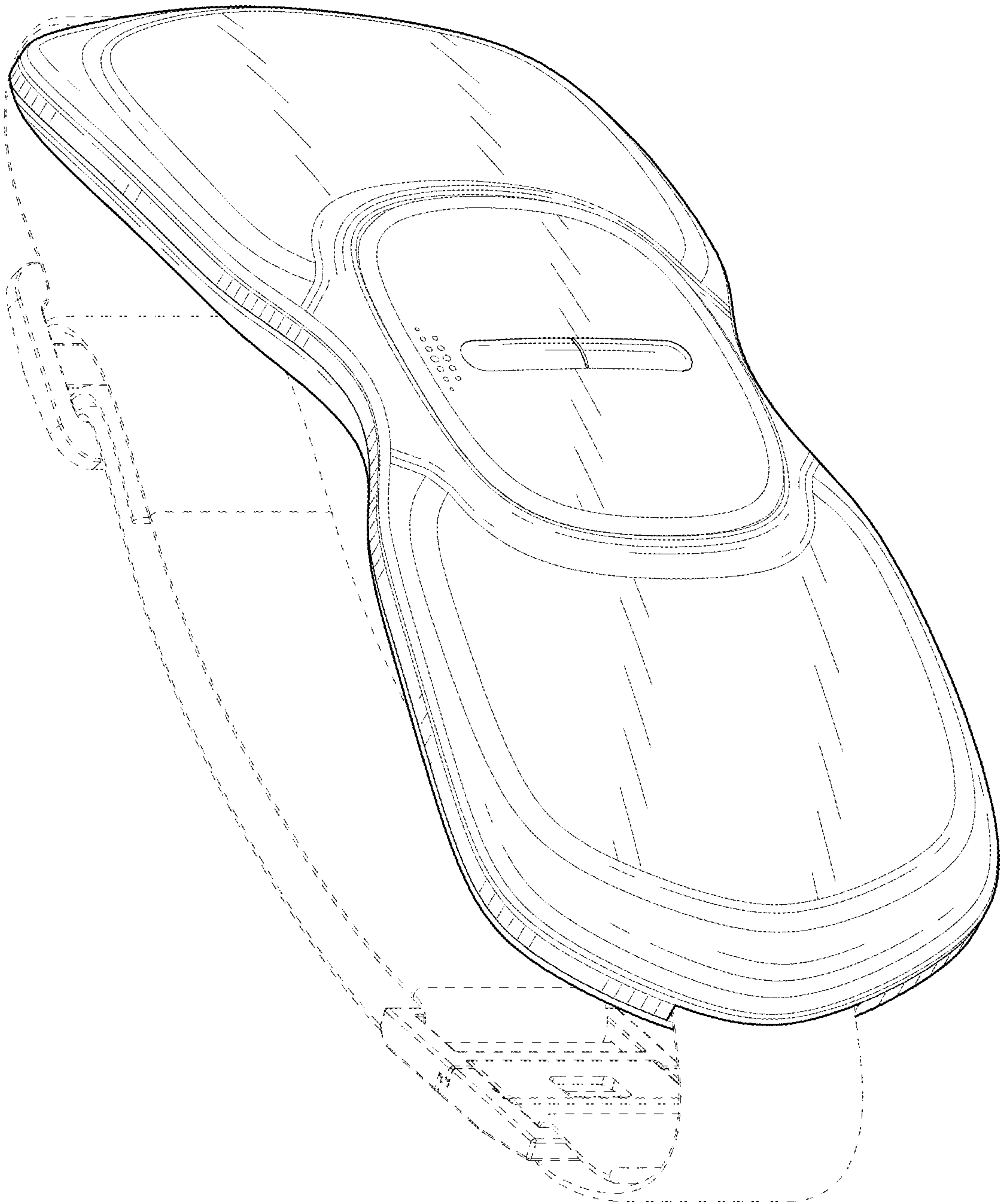


FIG. 1



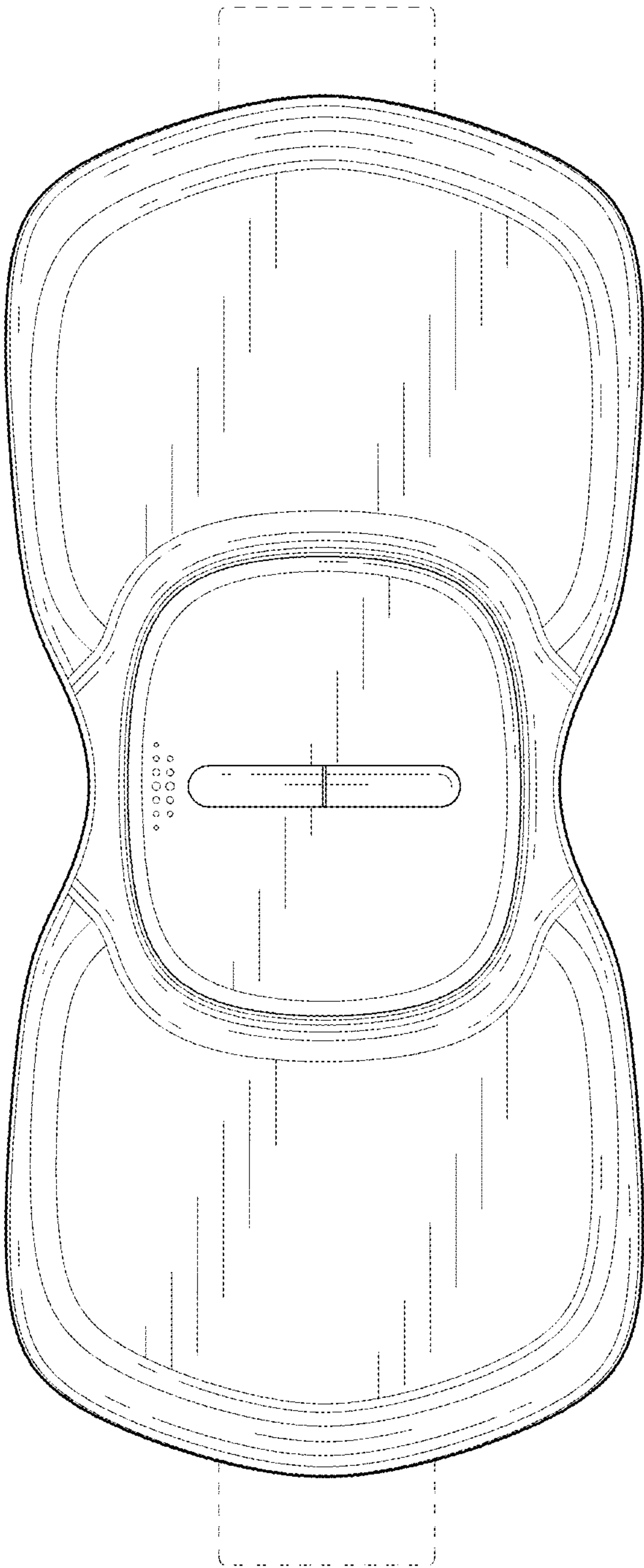


FIG. 2



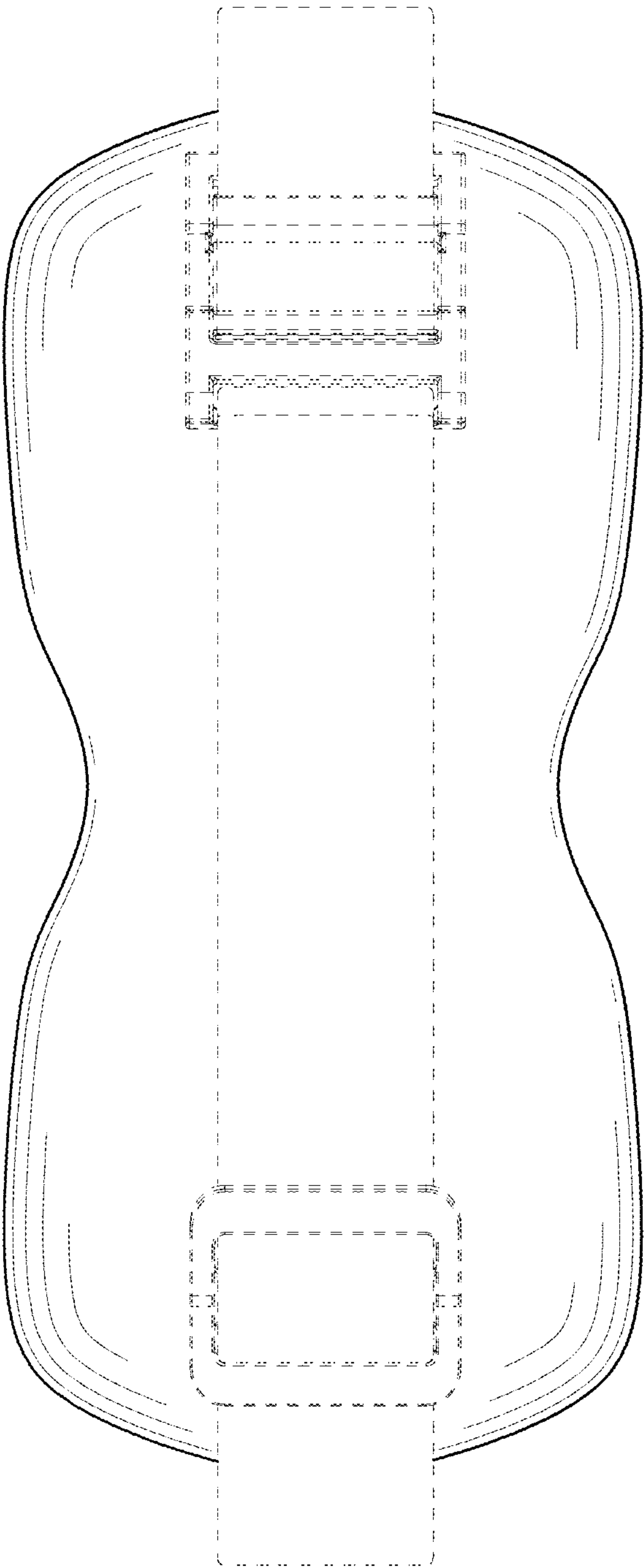


FIG. 3



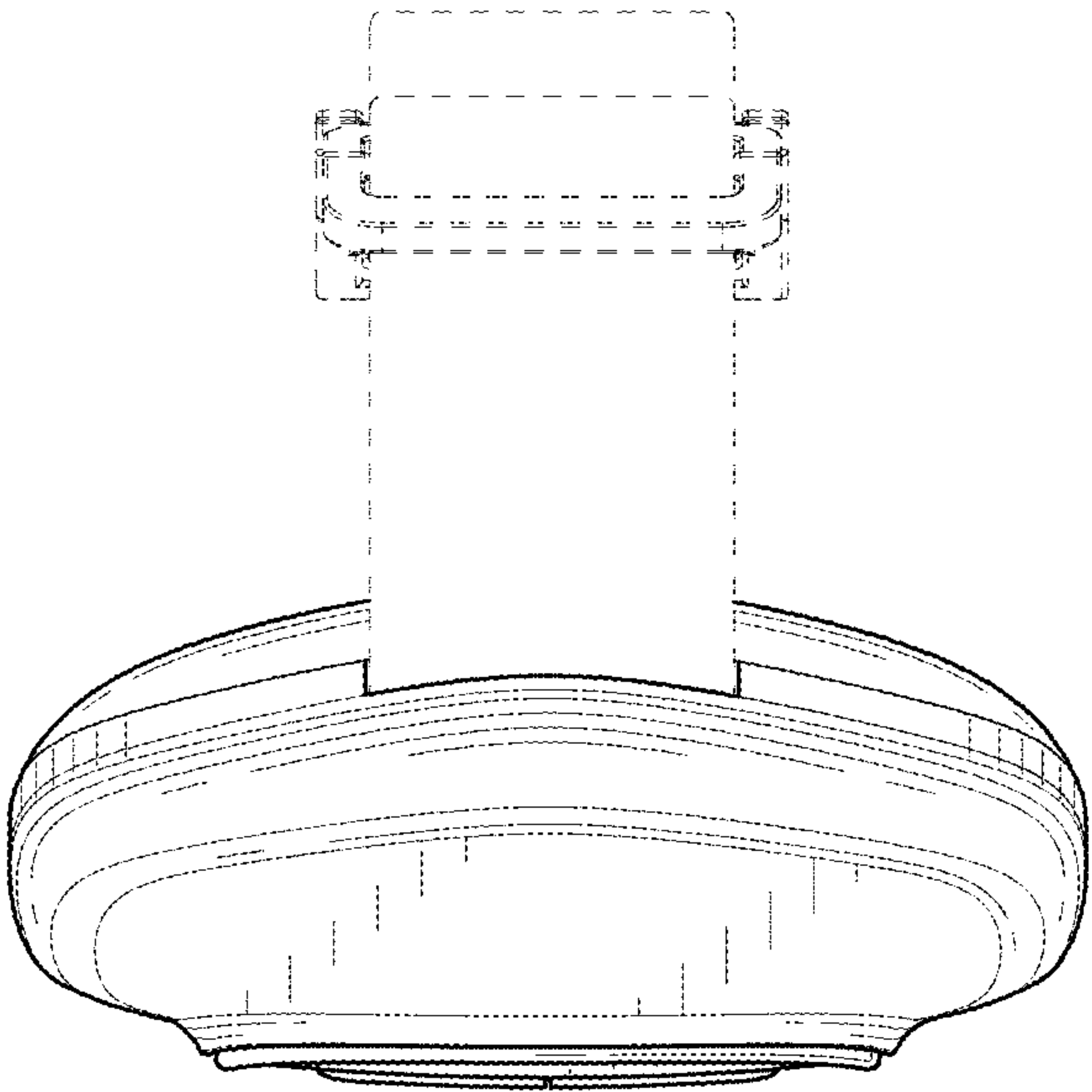


FIG. 4

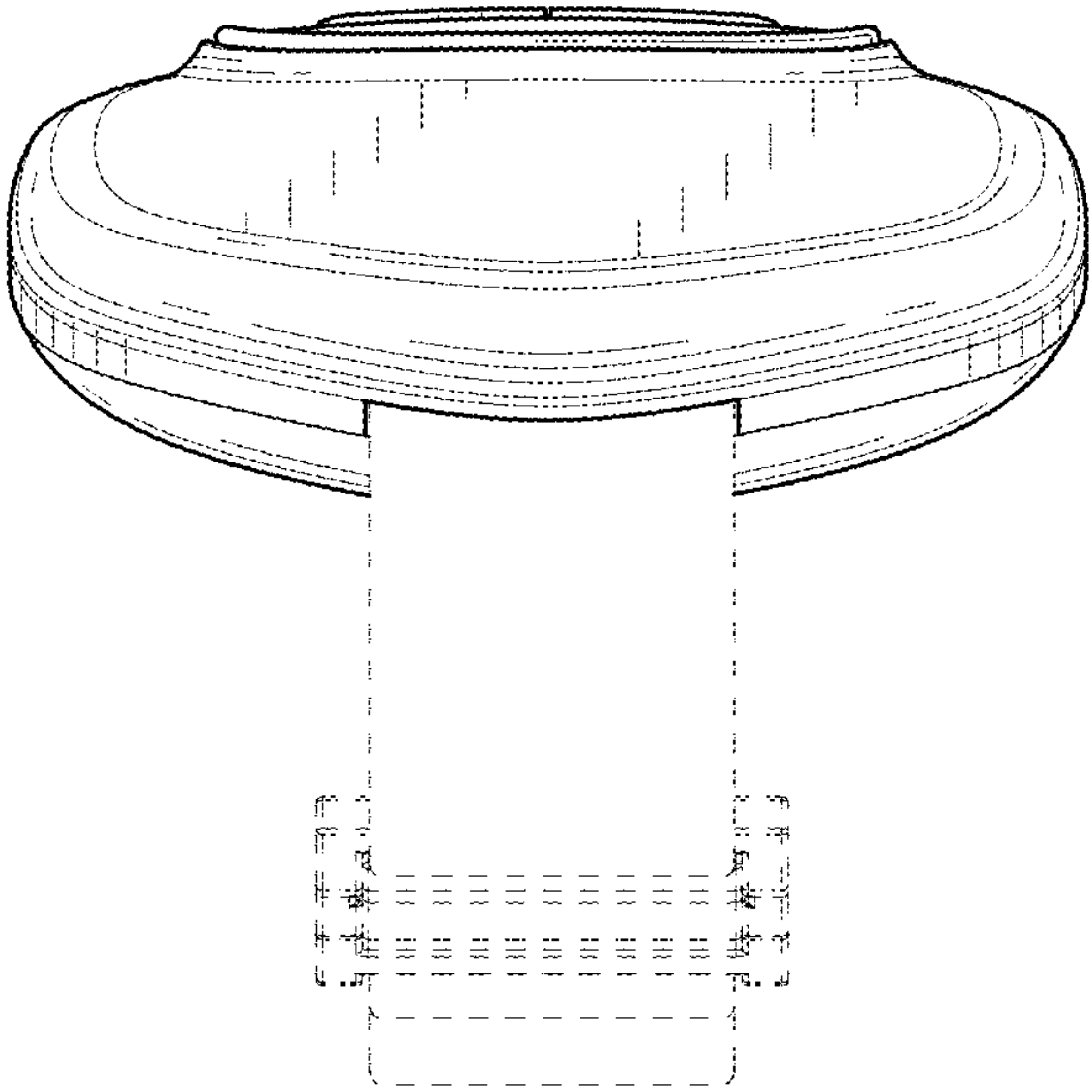


FIG. 5



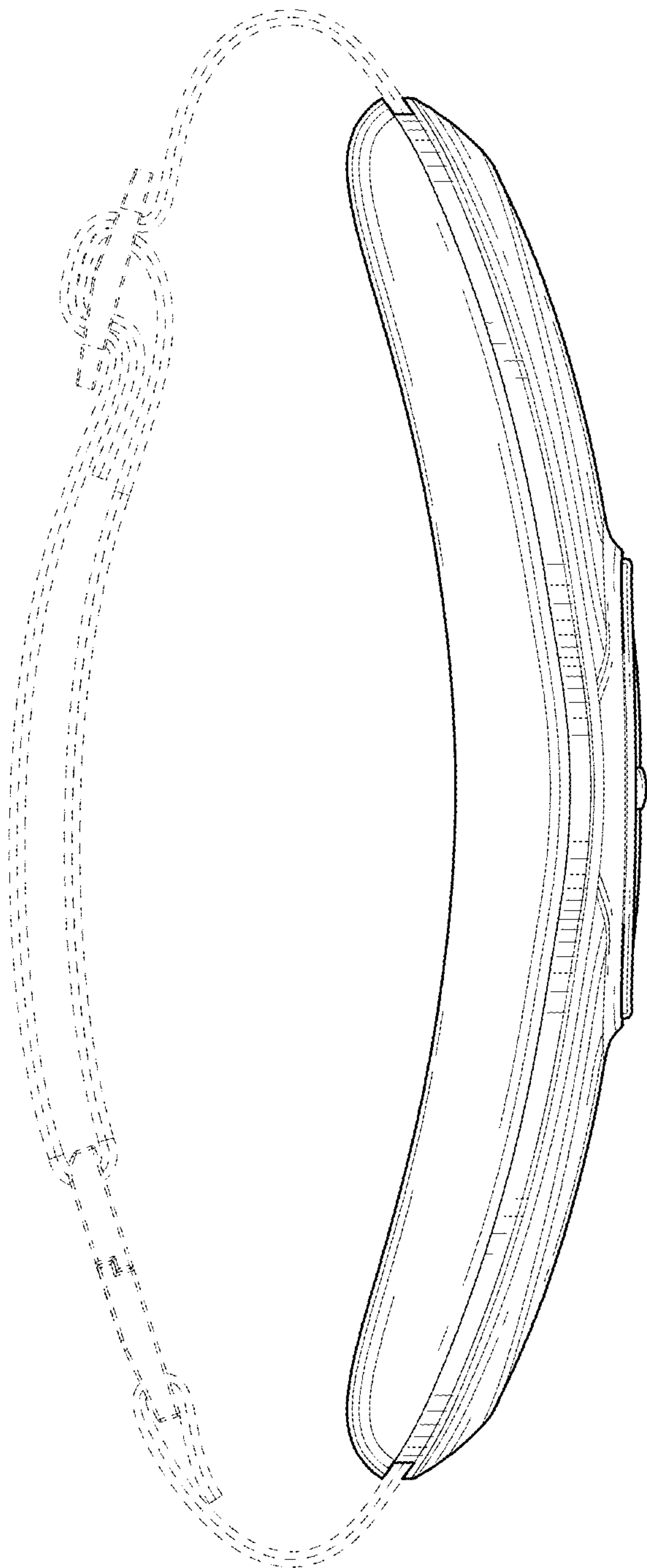


FIG. 6



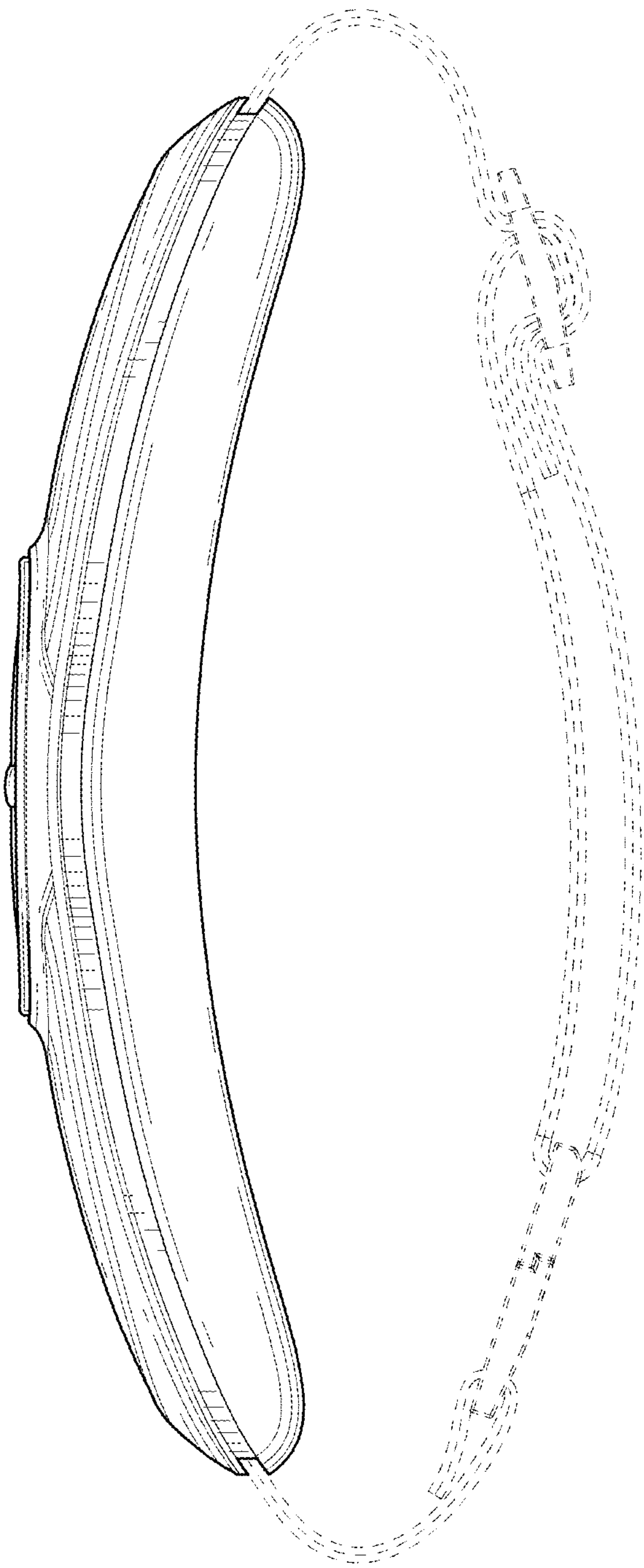


FIG. 7



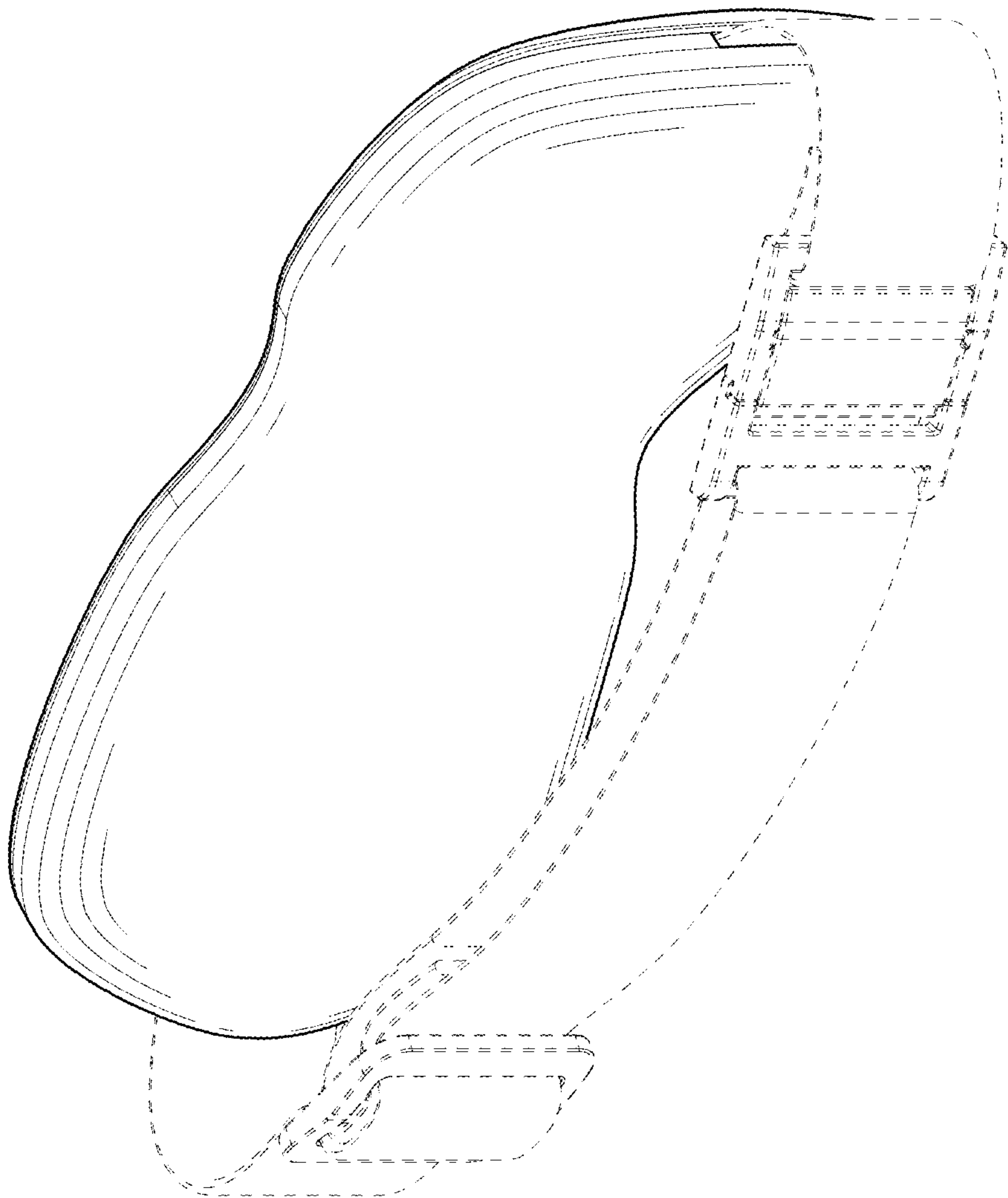


FIG. 8